



Marine Design Appraisal Document

Lloyd's Register EMEA
Marine Technology and Engineering Services
Engineering Systems
71, Fenchurch Street
London
EC3M 4BS

Date
06 February 2014

Please quote the document number on all future communications

ROYAL HUISMAN Yard No. 395 Multiple Pump Drive

1. Plans as listed in the Appendix have been examined for compliance with the applicable sections of Lloyd's Register's Rules and Regulations for the Classification of Special Service Craft (2010), and are assigned an appraisal status as indicated, in accordance with the following conditions:-

2. Machinery

Multiple Pump Drive Type	MPD18
Manufacturer	Transfluid
Rating	331kW at 1800rpm

3. Details

	Diameter, mm OD	Material	Min UTS, N/mm ²
Pump Shaft	70	39NiCrMo3	880

4. Conditions of Approval

4.1 None.

5. General Comments

5.1 None

K.S. Kwon
Senior Specialist
Engineering Systems
Marine Technology and Engineering Service
T: +44 (0)20 7709 9166 (switchboard)
T: +44 (0)20 7423 1922 (direct line)
F: +44 (0)20 7423 1824
E: engineering@lr.org
W: www.lr.org

J.J. Baghurst
Lead Specialist
Engineering Systems
Marine Technology and Engineering Service
T: +44 (0)20 7709 9166 (switchboard)
T: +44 (0)20 7423 1937 (direct line)
F: +44 (0)20 7423 1824
E: engineering@lr.org
W: www.lr.org

FINAL ACCEPTANCE OF ACTUAL ITEM(S) DEPEND(S) ON SATISFACTORY SURVEY AND TESTING

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Appendix

1. The documents listed below have been examined

Drawing Number	Revision	Title	Appraisal Status	Date
DB101222	0	Sectional General Arrangement	SI	6 Apr 2011
SA106438	2	Dummy Flywheel 18"	A	6 Feb 2014
SA106477	0	Flanged Shaft	A	6 Apr 2011
SA105458	3	Mozzo Dentato (Splined Hub) for AC6.1 L3=65	A	6 Apr 2011

2. The documents listed below have been considered together with the submitted documents in the appraisal

Document No.	Rev.	Title
		Booklet for TRANSFLUID STELLADRIVE

3. The documents previously appraised in earlier submissions, now listed in paragraph 1 above, are superseded.
4. Documents not mentioned above are not required for appraisal or as supporting documentation and have not been retained.

Appraisal Status Key

- A Approved - provided the arrangements are to the surveyor's satisfaction
SI Retained as supporting documentation for information only

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